

Virtualization Migration Solutions, Features comparisons Matrix

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DOCUMENT OVERVIEW

HISTORY

<i>Version</i>	<i>Date</i>	<i>Author(s)</i>	<i>Remarks</i>
0.1	May 2007	Peter van den Bosch	First version
0.2	June 2007	Peter van den Bosch	Added Invirtus and Leostream
0.3	June 2007	Peter van den Bosch	Updated Leostream
0.4	June 2007	Peter van den Bosch	Updated Invirtus
1.0	June 2007	Peter van den Bosch	First Release
1.1	June 2007	Peter van den Bosch	Tekstual

REVIEWERS

<i>Version</i>	<i>Date</i>	<i>Author(s)</i>	<i>Remarks</i>
0.1	June 2007	Mike diPetrello	Review VMware
0.2	June 2007	David Crosbie	Review Leostream
0.2	June 2007	Chris Snell	Review Platespin
0.3	June 2007	Scott Zust	Review Invirtus
1.0	June 2007	Ruben Spruijt	Total Review

1 VIRTUALIZATION MIGRATION SOLUTIONS, FEATURE COMPARISONS MATRIX

This matrix compares the features of the industries most popular virtualization migration products. The focus of the differences between the products is there migration possibilities. The products often offer more then migration possibilities, disaster recovery and back-up on remote sites are among those extra options. The websites of the company's that provide the products can be visited for more information.

Other company's who provide products with these functionality are invited to participate and will be added in following releases.

The information in this document is reviewed by the company's that released the software. Updates of this document can only be released by the author.

My Name is Peter van den Bosch I am the author of this document I am working as an Infrastructure Consultant at PQR in the Netherlands. The focus of my job is designing, planning and building virtual infrastructures. I am not related to any of the products companies.

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More info about the company i work <http://www.pqr.nl>

● = Not applicable ● = applicable. Only supported features are compared.

Characteristics	Powerconvert	Platespin Enterprise	VMware Converter Enterprise	Invirtus Enterprise VM Converter	Leostream P>V Direct 3.0
Usability					
Centralized Management console	●	●	●	●	●
Hot cloning on local datacenter	●	●	●	●	●
Cold cloning on local datacenter	●	●	●	●	●
Hot cloning on remote datacenter	●	●	●	●	●
Cold cloning on remote datacenter	●	●	●	●	●
Interaction with Planning tool (Capacity planner or PowerRecon)	●	●	●	●	●
Automatic Discovery of conversion candidates in Centralized management Console	●	●	●	●	●
Drag-and-drop Interface in Centralized management Console	●	●	●	●	●
Complete On-the-fly hardware Customization	●	●	●	●	●
Server Remote Control from Centralized management Console	●	●	●	●	●
Agentless	●	●	●	●	●
Scheduled tasks	●	●	●	●	●
Conversions					
P2V Physical to Virtual	●	●	●	●	●
V2V Virtual to Virtual	●	●	●	●	●
I2V Image to Virtual	●	●	●	●	●
P2P Physical to Physical	●	●	●	●	●
V2P Virtual to Physical	●	●	●	●	●
I2P Image to Physical	●	●	●	●	●
P2I Physical to Image	●	●	●	●	●
V2I Virtual to Image	●	●	●	●	●

Characteristics	Platespin Powerconvert	VMware Converter Enterprise	Invirtus Enterprise VM Converter	Leostream P>V Direct 3.0
Supported Source Operating Systems (*2V)				
Windows NT 4 SP4 or higher	● 8	●	●	● 12
Windows 2000 Professional	●	●	●	●
Windows 2000 Server all versions	●	●	●	●
Windows XP Pro 32 bit	●	●	●	●
Windows 2003 server all versions 32 bit	●	●	●	●
Windows XP Pro 64 bit	●	●	●	●
Windows 2003 server all versions 64 bit	●	●	●	●
Red Hat Linux Redhat 7.3, 8.0	● 9	●	●	●
Red Hat Enterprise Linux AS 3.0 and ES 3.0	● 9	●	●	●
Red Hat Enterprise Linux AS 4.0 and ES 4.0	● 9	●	●	●
SUSE Linux Enterprise 9.0	● 9	●	●	●
Windows Small Business Server 2003	●	●	●	●
Supported Source virtualisation Platform (*2V)				
VMware Virtual Infrastructure 3.0 - 3.0.1	●	●	●	●
VMware ESX Server 2.5.x	●	● 6	●	●
VMware ESX Server 2.1.1+	●	●	●	●
VMware Server	●	●	●	●
VMware GSX Server	●	●	●	●
Microsoft Virtual Server 2005	●	●	●	●
Virtual Iron	●	●	●	●
XenSource	●	●	●	●

Characteristics	Platespin Powerconvert	VMware Converter Enterprise	Invirtus Enterprise VM Converter	Leostream P>V Direct 3.0
Supported Target virtualisation Platform (*2V)				
VMware Virtual Infrastructure 3.0 - 3.0.1	●	●	●	●
VMware ESX Server 2.5.x	●	● 6	●	●
VMware ESX Server 2.1.1+	●	● 7	●	●
VMware Server	● 1	●	●	●
VMware GSX Server	● 2	●	●	●
Microsoft Virtual Server 2005	● 3	●	●	●
Virtual Iron	● 4	●	●	●
XenSource	● 5	●	●	●
Supported Target Image sizes (*2I)				
Platespin flexible Image	●	●	●	●
Supported Source Image sizes (I2*)				
Symantec Backup Exec System Recovery (formerly LiveState recovery)	● 10	●	●	●
Norton Ghost versions 9 or higher	●	●	●	●
VMware Consolidated Backup (VCB) images of virtual machines	●	●	●	●
Acronis True Image	● 10	●	●	●
Supported Source Operating Systems (*2P)				
Windows 2000 Server SP0, SP1, SP2, SP3, SP4	●	●	●	●
Windows 2000 Advanced Server SP0, SP1, SP2, SP3, SP4	●	●	●	●
Windows 2003 Server Standard SP0, SP1	●	●	●	●
Windows 2003 Enterprise Server SP0, SP1	●	●	●	●

Characteristics	Platespin Powerconvert	VMware Converter Enterprise	Invirtus Enterprise VM Converter	Leostream P>V Direct 3.0
Target Configuration during conversion				
Disk resizing	●	●	●	●
Memory resizing and reconfiguration	●	●	●	●
CPU rezising and reconfiguration	●	●	●	●
Convert multiple disk simultaneous	●	●	●	●
Stopping Services during or after conversion	●	●	●	●
Identity change Operating System	●	● ¹¹	●	●
Change Network settings	●	●	●	●
Change domain membership	●	●	●	●
Drive Filtering	●	●	●	●
Add disk during conversion	●	●	●	●
Install VMware tools during conversion proces	●	●	●	●
Security				
Encryption during remote conversion (File Transfer)	●	●	●	●
Remote authentication	●	●	●	●
Networking				
Automatically installation of Network Interfaces	●	●	●	● ¹³
Conversion between different subnets	●	●	●	●
WAN conversion	●	●	●	●
Solution				
Email updates during conversion	●	●	●	●
Incremental conversion for DR purposes	●	●	●	●

Characteristics	Platespin Powerconvert	VMware Converter Enterprise	Invirtus Enterprise VM Converter	Leostream P>V Direct 3.0
Licensing				
Platespin Per server, pack varieous options through Powerstore or VAR's	•			
VMware Licensed as part of support and subscription services with VirtualCenter Management Server		•		
LeoStream Pack of 5 conversions sold via Webstore or VAR's				•
Licensed per machine (unlimited conversions per Host)			•	

2 VERSION OVERVIEW

Software Version
VMware Converter 3.0.1 Enterprise Edition (Latest Released Version: 3.0.1, Build 44840)
PlateSpin PowerConvert 6.6 (Build 4075)
Leostream P>V Direct 3.0
Invirtus Enterprise VM Converter v2007

3 REMARKS

Remarks	
1	Windows only (x86 and x64)
2	For Windows only(Windows NT 4.0 SP6a, 2000, 2003 source servers only)
3	Microsoft Virtual Server 2005 (build 465) (Windows NT 4.0 SP6a, 2000, 2003 source servers only) (x86 and x64) Microsoft Virtual Server 2005 (build 465.254 with Service Pack 1) (Windows NT 4.0 SP6a, 2000, 2003 source serv. only) (x86 and x64)
4	Supported via X2P process, see http://support.platespin.com/kb2/article.aspx?id=20864
5	Supported via X2P process, see http://support.platespin.com/kb2/article.aspx?id=20844
6	If Managed by Virtual Center 2.*
7	If Managed by Virtual Center 2.*
8	SP4, SP6a with WMI installed - WMI Core version 1.5 required
9	P2V ONLY (To VMware ESX based hosts only)
10	Acronis True Image or Symantec LiveState MUST be installed on the PlateSpin Image server, For all other images, if the images can be extracted as a Raw Volume Data, (A directory which contains files that make up a volume), such as Ghost Image - an Image creation will be possible using the Raw Volume Data option.
11	Need Sysprep files
12	Service pack 6 or 6a
13	Except NT4
14	

When there are remarks, additions or questions, please send an email to Peter van den Bosch @ pbo@pqr.nl